

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.-4. (Canceled).

5. (Original) A method of manufacturing an electrode plate for a secondary battery, such method comprising the steps of:

intermittently coating at least one surface of an electrode sheet with an active material at predetermined intervals over a wider range than a predetermined width of an electrode plate and over a predetermined length;

die-cutting an insulating sheet with a paste material adhering onto one side thereof into insulating sheets, each of which has a width wider than a predetermined width of an electrode plate;

sticking said insulating sheet to a possible short-circuit portion of said electrode sheet in turn, such portion being opposed to another electrode plate; and

simultaneously cutting said electrode sheet and said insulating sheet to form an electrode plate having a predetermined shape.

6. (Original) The method according to claim 5, wherein said paste material is a low-temperature thermoplastic one, and said insulating sheet is made to adhere to said electrode sheet through heat adhesion of the said paste.

7.-8. (Canceled).

9. (New) An electrode plate for a secondary battery, comprising:

an electrode sheet with an active material layer formed on at least one surface thereof over a wider range than a predetermined width of an electrode plate and over a predetermined length; and

an insulating sheet, adhering to a portion of said electrode sheet where a short-circuit may possibly occur, wherein said electrode sheet is wider in width than the active material layer, said portion being opposed to another electrode and said portion is at least one position selected from a front edge and a rear edge of the active material layer of the electrode plate,

wherein said electrode sheet and said insulating sheet are simultaneously cut in a longitudinal direction to form the electrode plate having a predetermined shape of which a width of the electrode plate, a width of the active material layer on the electrode plate and a length of the insulating sheet are substantially the same.

10. (New) An electrode plate for a secondary battery, comprising:

an electrode sheet with an active material layer formed on at least one surface thereof over a wider range than a predetermined width of an electrode plate and over a predetermined length; and

an insulating sheet adhered with a thermoplastic paste material that increases adhesion at a temperature of 60 to 120 degree Celsius, adhering to a portion of said electrode sheet where a short-circuit may possibly occur, wherein said electrode sheet is wider in width than the active material layer, such portion being opposed to another electrode,

wherein said electrode sheet and said insulating sheet are simultaneously cut to form the electrode plate having a predetermined shape.

11. (New) The electrode plate for a secondary battery according to claim 10, wherein said thermoplastic paste material is selected from ethylene-vinyl acetate copolymer (EVA), ethylene-ethyl-acrylate (EEA), and ethylene methacrylic acid (EMAA).

12. (New) The electrode plate for a secondary battery according to claim 10, wherein the insulating sheet is adhered to at least a front edge, a rear edge or both the front and rear edges of the active material layer of the electrode plate, wherein said electrode sheet and said insulating sheet are simultaneously cut in a longitudinal direction, and wherein a width of the electrode plate, a width of the active material layer on the electrode plate and a length of the insulating sheet are substantially the same.

13. (New) A secondary battery having an electrode plate, said electrode plate comprising:

an electrode sheet with an active material layer on at least one surface thereof over a wider range than a predetermined width of an electrode plate and over a predetermined length; and

an insulating sheet, adhering to a portion of said electrode sheet where a short-circuit may possibly occur, wherein said electrode sheet is wider in width than the active material layer, said portion being opposed to another electrode and said portion is at least one position selected from a front edge and a rear edge of the active material layer of the electrode plate,

wherein said electrode sheet and said insulating sheet are simultaneously cut in a longitudinal direction to form the electrode plate having a predetermined shape of which a width of the electrode plate, a width of the active material layer on the electrode plate and a length of the insulating sheet are substantially the same.

14. (New) A secondary battery, comprising:

an electrode sheet with an active material layer on at least one surface thereof over a wider range than a predetermined width of an electrode plate and over a predetermined length; and

an insulating sheet adhered with a thermoplastic paste material that increases adhesion at a temperature of 60 to 120 degree Celsius, adhering to a portion of said electrode sheet where a short-circuit may possibly occur, wherein said electrode sheet is wider in width than the active material layer, such portion being opposed to another electrode,

wherein said electrode sheet and said insulating sheet are simultaneously cut to form the electrode plate having a predetermined shape.

15. (New) The secondary battery according to claim 14, wherein said thermoplastic paste material is selected from ethylene-vinyl acetate copolymer (EVA), ethylene-ethyl-acrylate (EEA), and ethylene methacrylic acid (EMAA).

16. (New) The secondary battery according to claim 14, wherein the insulating sheet is adhered to a front edge, a rear edge or both the front and rear edges of the active material layer of the electrode plate, wherein said electrode sheet and said insulating sheet are simultaneously cut in a longitudinal direction, and wherein a width of the electrode plate, a width of the active material layer on the electrode plate and a length of the insulating sheet are substantially the same.

17. (New) A secondary battery having an electrode plate, said electrode plate being manufactured by a method comprising the steps of:

intermittently coating at least one surface of an electrode sheet with an active material at predetermined intervals over a wider range than a predetermined width of an electrode plate and over a predetermined length;

die-cutting an insulating sheet with a paste material on one side thereof into insulating sheets, each of which has a width wider than a predetermined width of an electrode plate;

causing said insulating sheet to adhere to a portion of said electrode sheet where a short-circuit may possibly occur, wherein said electrode sheet is wider in width than the active material layer, such part being opposed to another electrode plate, and said portion is at least one position selected from a front edge and a rear edge of the active material layer of the electrode plate; and

simultaneously cutting said electrode sheet and said insulating sheet to form an electrode plate having a predetermined shape, wherein a width of the electrode plate, a width of the active material layer on the electrode plate and a length of the insulating sheet are substantially the same.

18. (New) A secondary battery having an electrode plate, said electrode plate prepared by the process of:

intermittently coating at least one surface of an electrode sheet with an active material at predetermined intervals over a wider range than a predetermined width of an electrode plate and over a predetermined length;

die-cutting an insulating sheet with a paste material adhering on one side thereof into insulating sheets, each of which has a width wider than a predetermined width of an electrode plate;

adhering said insulating sheet to a portion of said electrode sheet where a short-circuit may possibly occur, wherein said electrode sheet is wider in width than the active material layer, said portion being opposed to another electrode plate, and said portion is at least one position selected from a front edge and a rear edge of the active material layer of the electrode plate; and

simultaneously cutting said electrode sheet and said insulating sheet to form an electrode plate having a predetermined shape,

wherein said paste material is a thermoplastic, and said insulating sheet is made to adhere to said electrode sheet through heat adhesion of said paste.

19. (New) A secondary battery according to claim 18, wherein said thermoplastic paste material is selected from ethylene-vinyl acetate copolymer (EVA), ethylene-ethyl-acrylate (EEA), and ethylene methacrylic acid (EMAA).

20. (New) The secondary battery according to claim 18,
wherein the insulating sheet is adhered to a front edge, a rear edge or both the front and rear edges of the active material layer of the electrode plate, wherein said electrode sheet and said insulating sheet are simultaneously cut in a longitudinal direction, and wherein a width of the electrode plate, a width of the active material layer on the electrode plate and a length of the insulating sheet are substantially the same.